

HANDICAPPED ACCESSIBILITY IMPROVEMENTS

[---] AREAS OF WORK

⊕ EGRESS
ACCESIBLE EGRESS

A ACCESSIBLE ENTRANCE, PATH TO TICKET BOOTH, AND TICKET BOOTH COUNTER

Replace the existing asphalt paved handicapped accessible pathway with a new concrete patchway at a slope of 1:20 or less.
In order to enter the building and approach the ticket sales counter, the railing on the entrance landing needs to be removed. Install a handrail midway between the existing handrails.
signage should be mounted on the exterior indicating which set of doors to use if entering to buy tickets.
The existing ticket counter needs to be lowered from the 42" height to 36".
See proposed plan and enlarged plan view on A1.2. -
See ADD ALT #1 - for automatic doors and controls

B CONCESSION COUNTER

The existing concession counter is at 42" high and needs to be lowered to 36" high.
The existing counter space inside the concession areas at the window location can be replaced at 36" high with new storage shelving below.

C LOCKER ROOM SHOWERS - ADD ALT #2

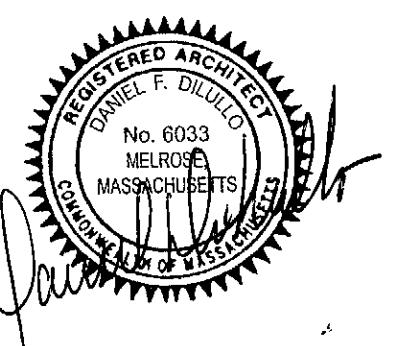
The existing showers have a 5½" curb to step into the shower area.
Modify Locker Room showers #2 & #3. Both situations call for the removal of the curb and the shower floor. Lower the existing floor drain approximately 3-4" with a new slab and tile floor installed pitched to drain.
A new ½" high marble threshold to be installed at shower entrance.
Add one set of handicapped shower control and adjustable head in both showers and grab bar and wall mounted folding shower seat.

D ACCESSIBLE EGRESS FROM ARENA

Currently the Arena space has one accessible egress to the lobby area.
There is an existing landing and ramp with the railings removed.
Install new handicapped railings and guardrails per section 24 of 521 CMR.
The current parking spaces to be modified with lines painted to keep vehicles clear of the ramp access. Fire Evacuation Map signage to be mounted throughout
Arena space to identify all egress paths and Accessible egress paths.
Map graphics to be supplied by Architect.

E ICE SURFACE ACCESSIBILITY

See Section C on A1.2 for proposed portable access ramps to be used a main ice surface entrance door.



Ed Burns Arena Accessibility Improvements

422 Summer Street
Arlington Massachusetts

PROPOSED IMPROVEMENTS

drawn: JPL scale: $\frac{3}{32}$ " = 1'-0" date: 6/2/19

drawing title:

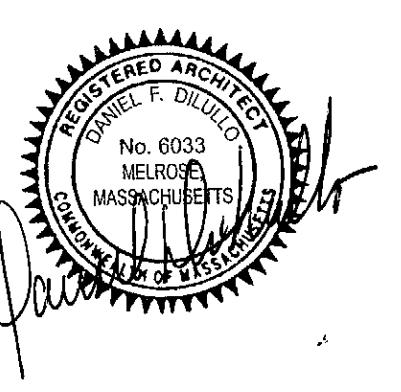
A1.0
dwg no:

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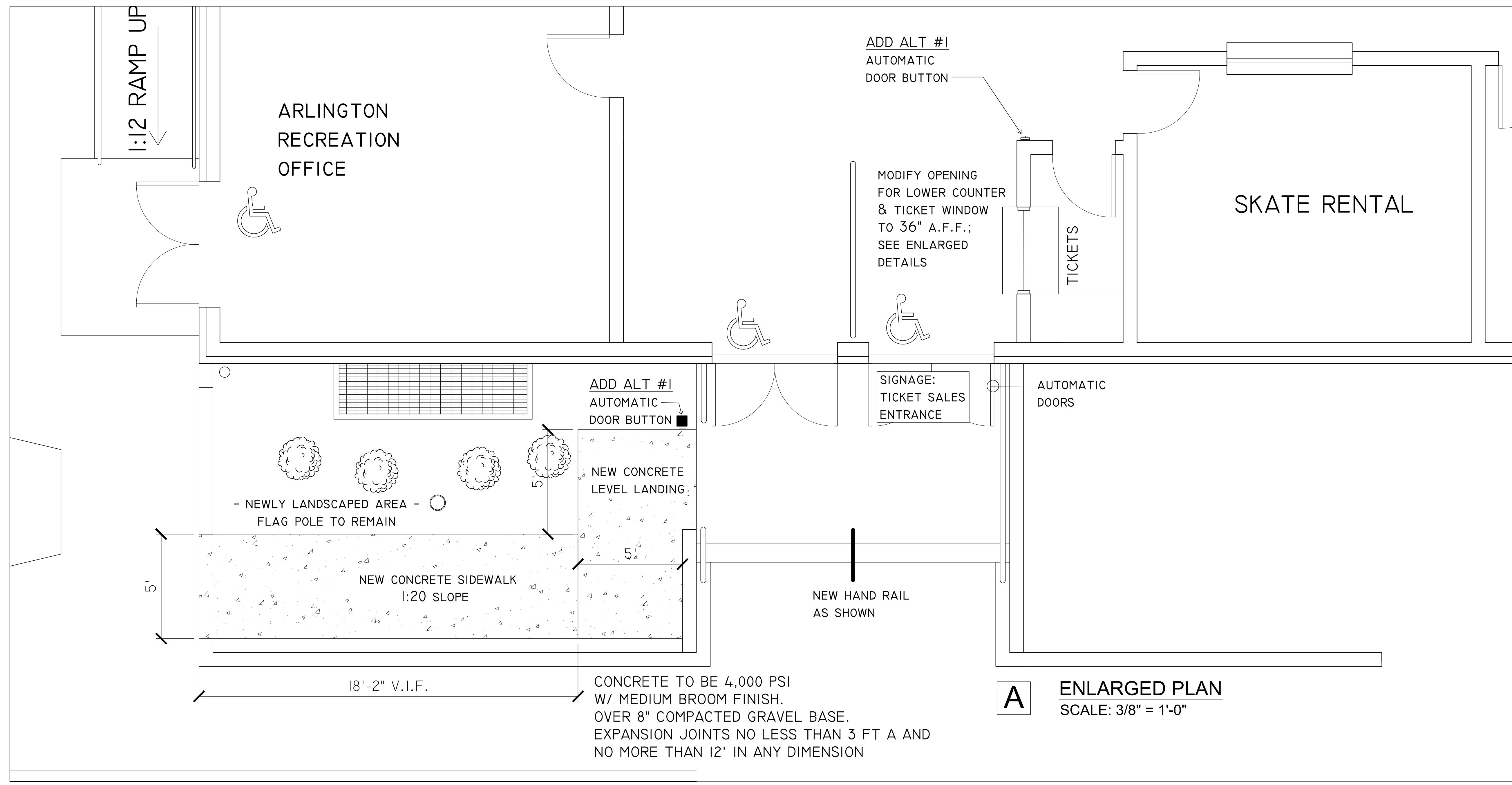
ARCHITECTS



DILULLO ASSOCIATES INC.
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revisions:

project:

drawing title:

ENLARGED PLAN

drawn: JPL

scale: AS NOTED

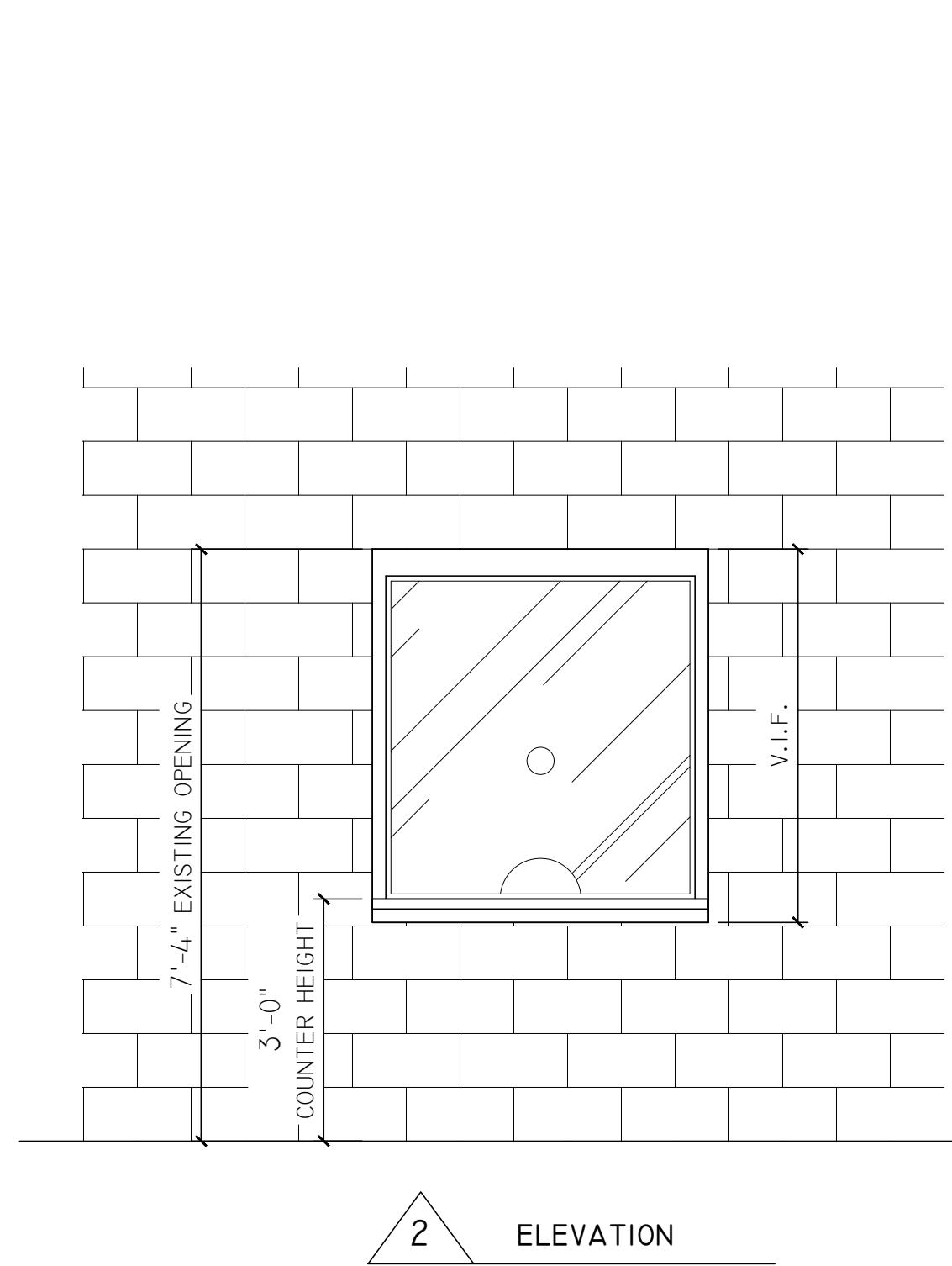
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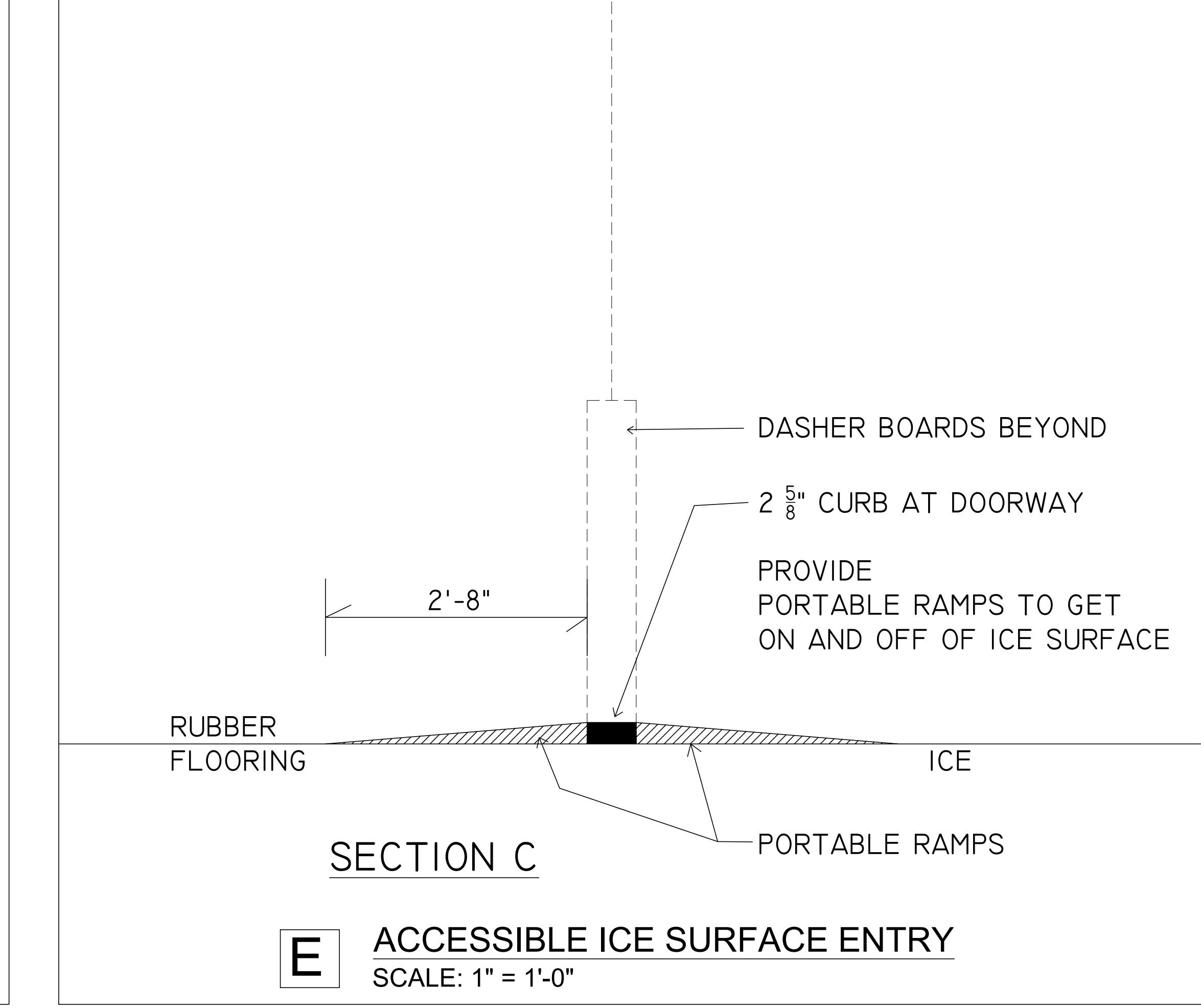
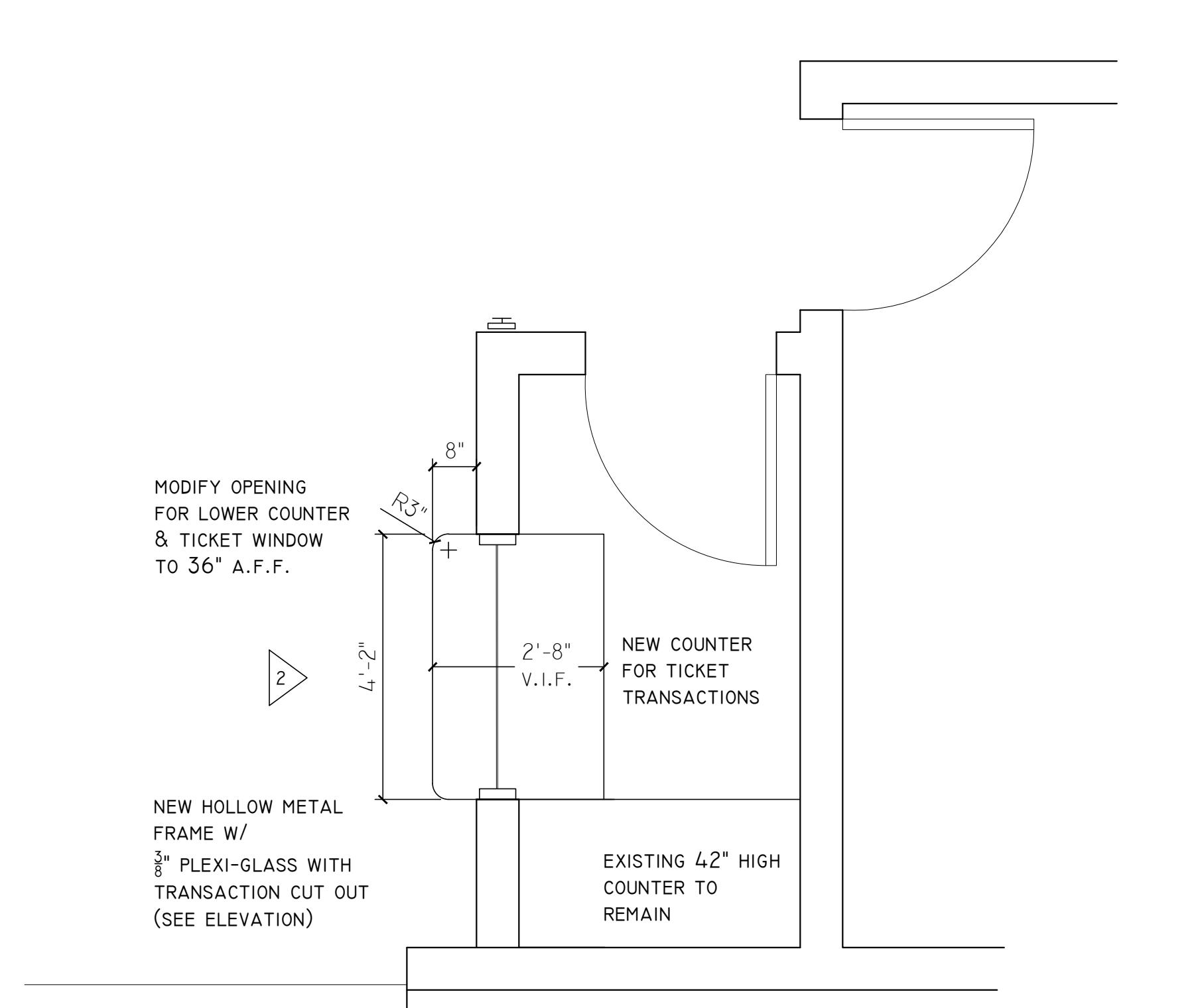
Ed Burns Arena
Accessibility Study

422 Summer Street
Arlington Massachusetts

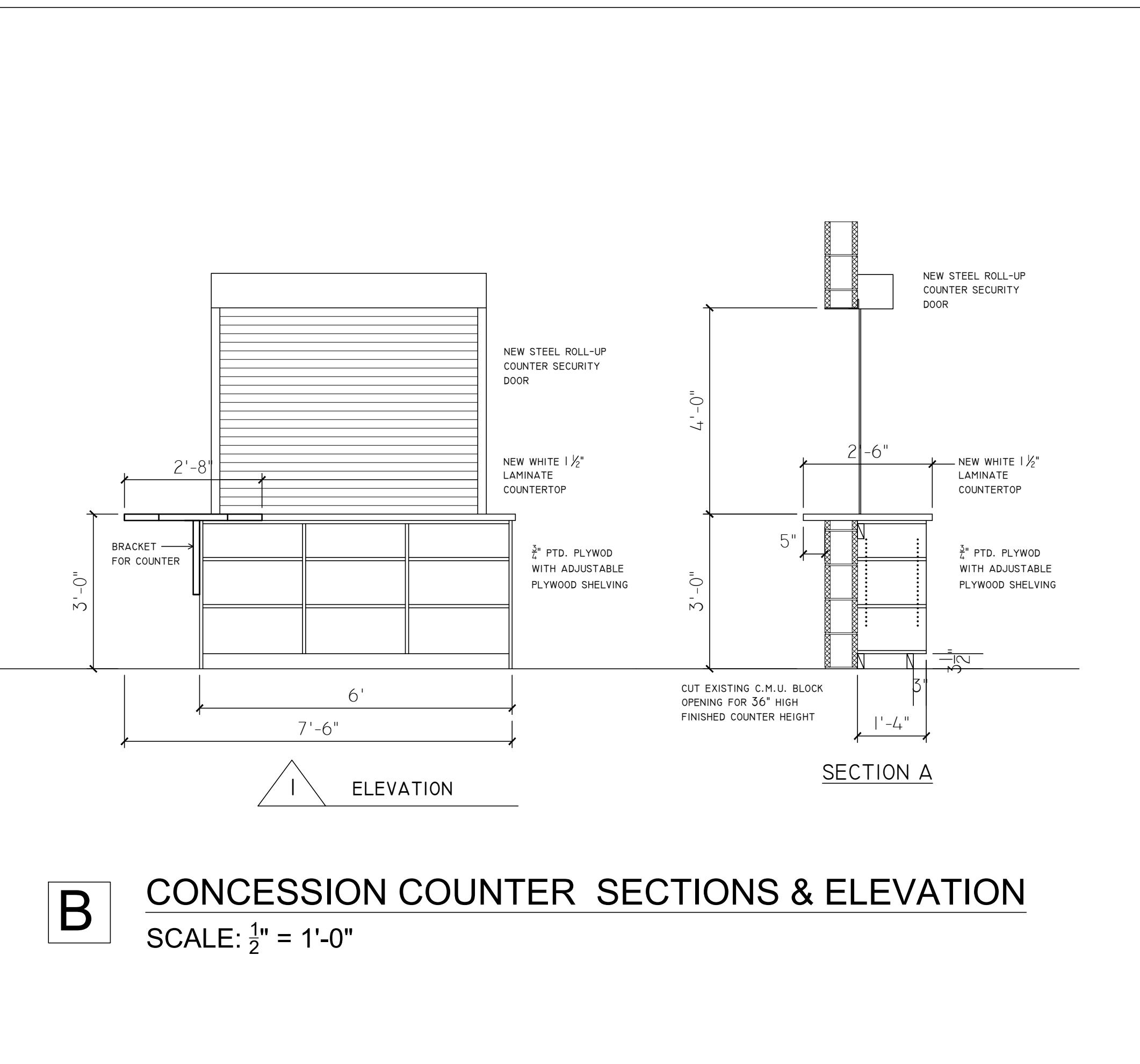
A1 1



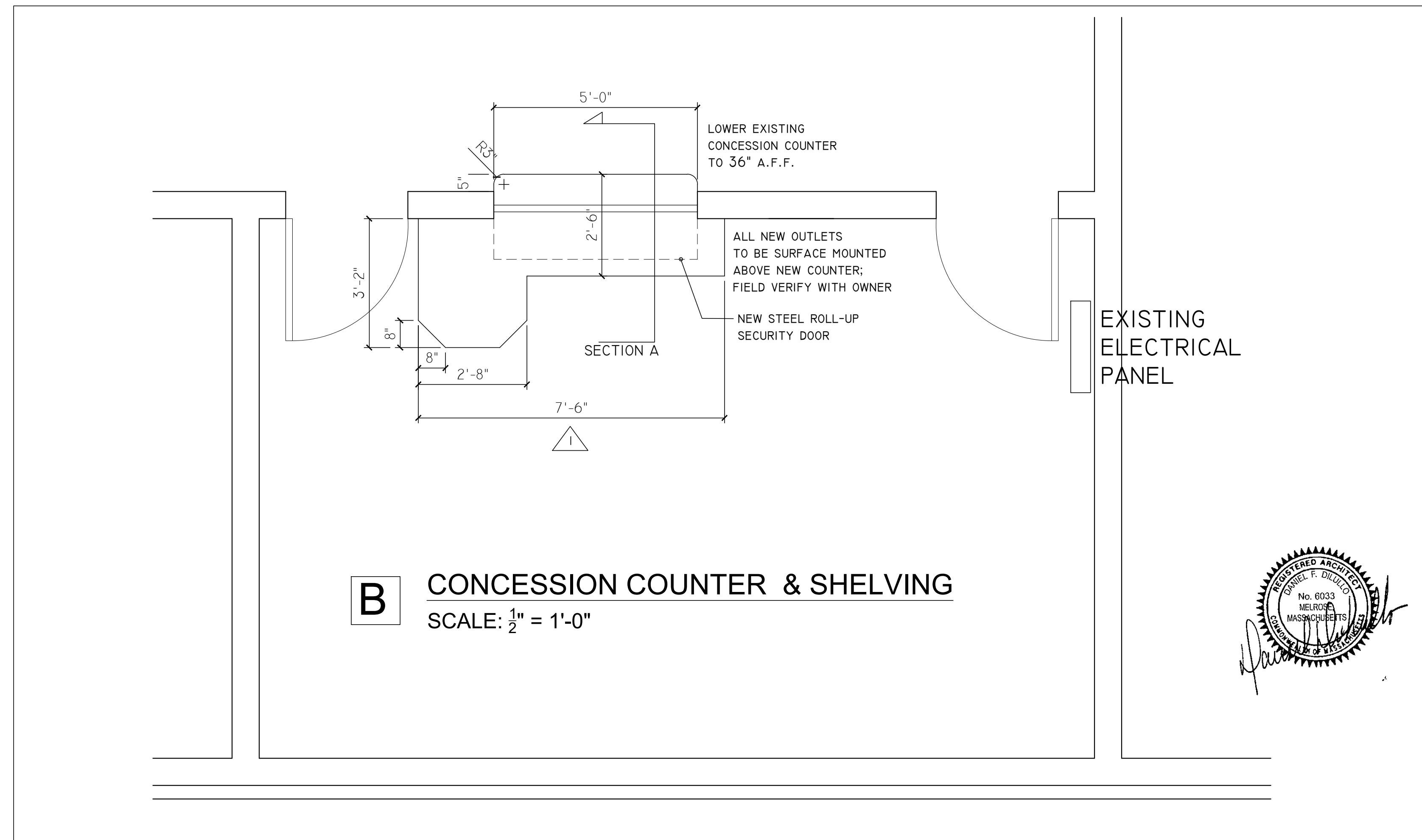
A TICKET BOOTH COUNTER
SCALE: $\frac{1}{2}$ " = 1'-0"



E ACCESSIBLE ICE SURFACE ENTRY
SCALE: 1" = 1'-0"



B CONCESSION COUNTER SECTIONS & ELEVATION
SCALE: $\frac{1}{2}$ " = 1'-0"



B CONCESSION COUNTER & SHELVING
SCALE: $\frac{1}{2}$ " = 1'-0"

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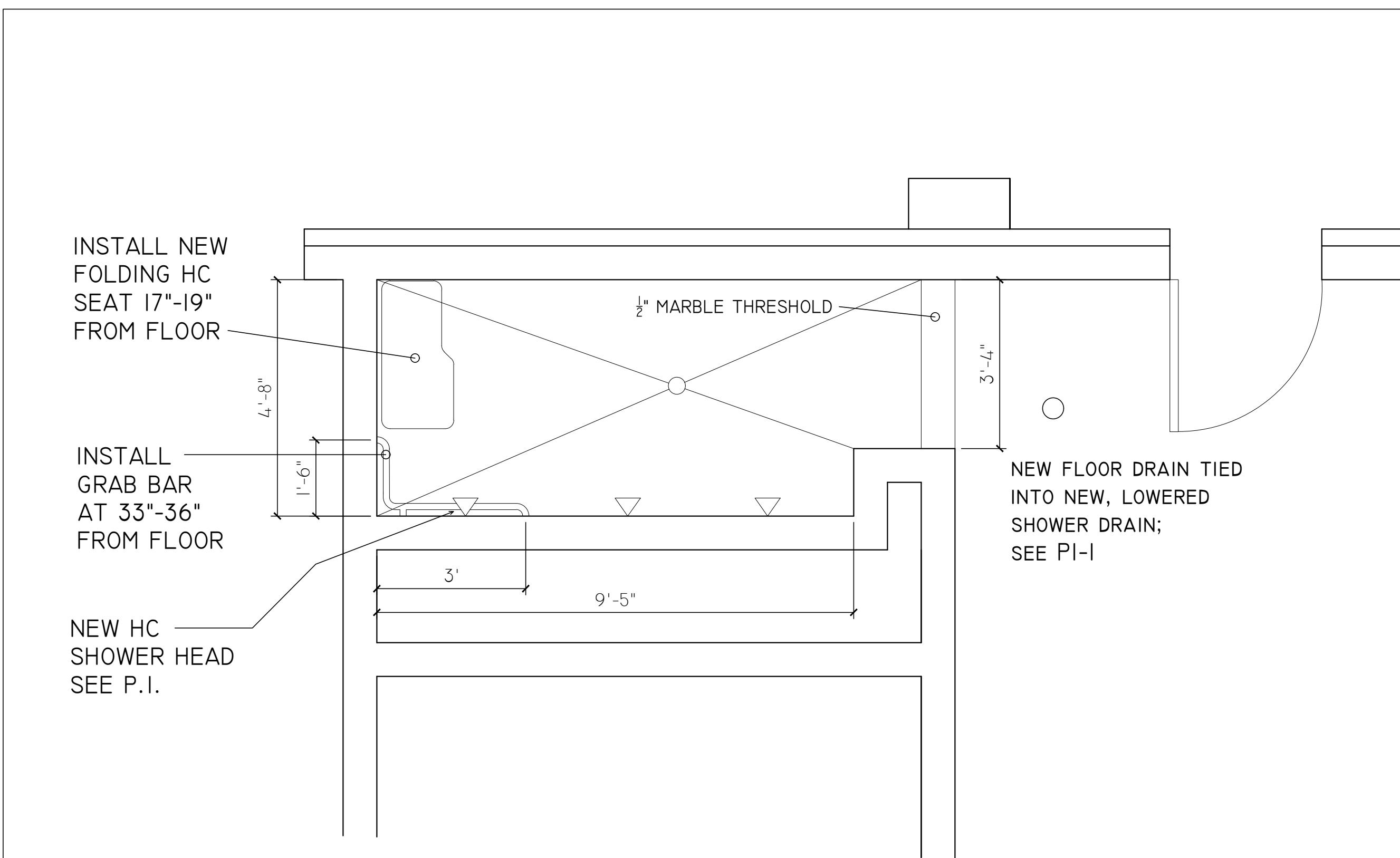
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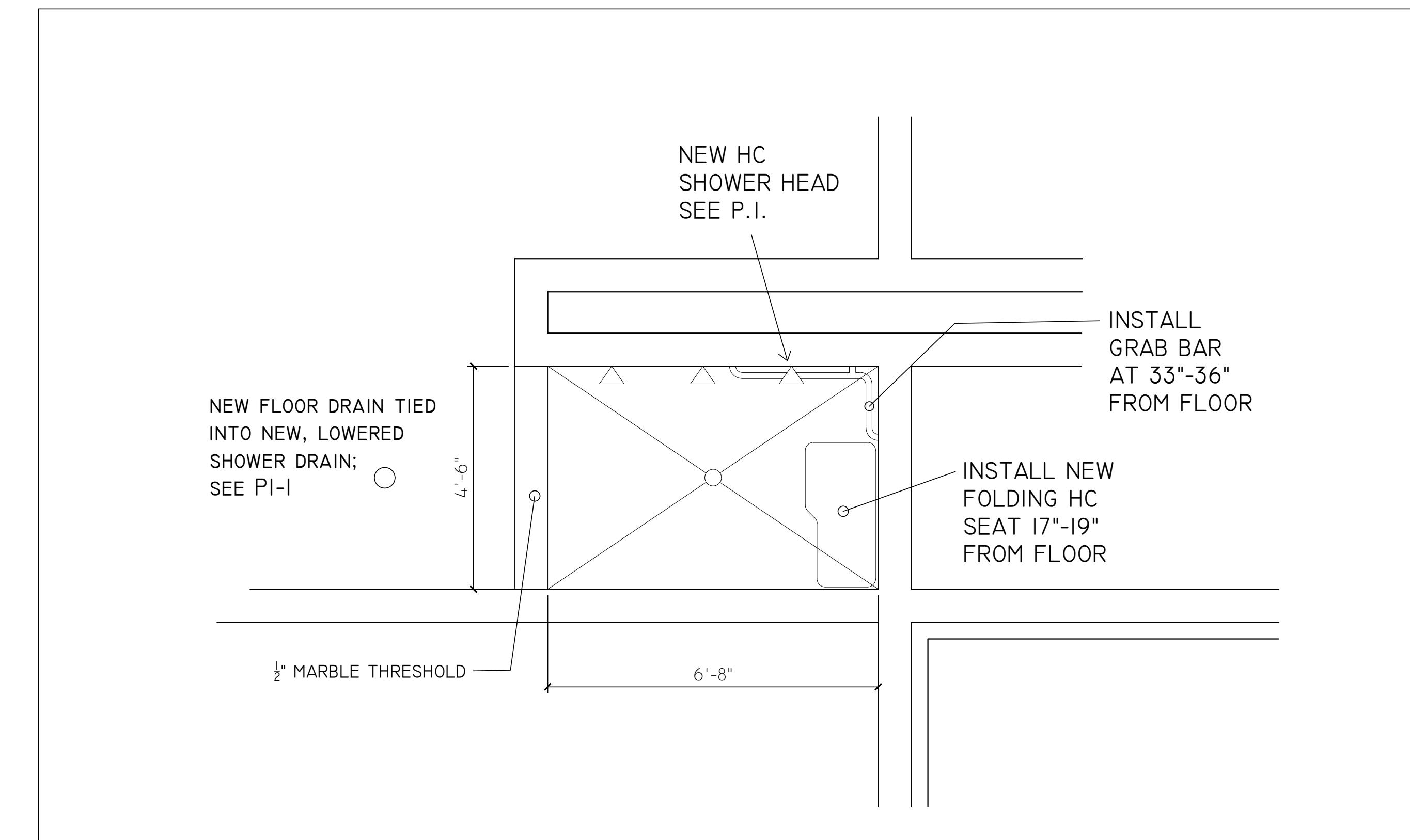
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422 Summer Street
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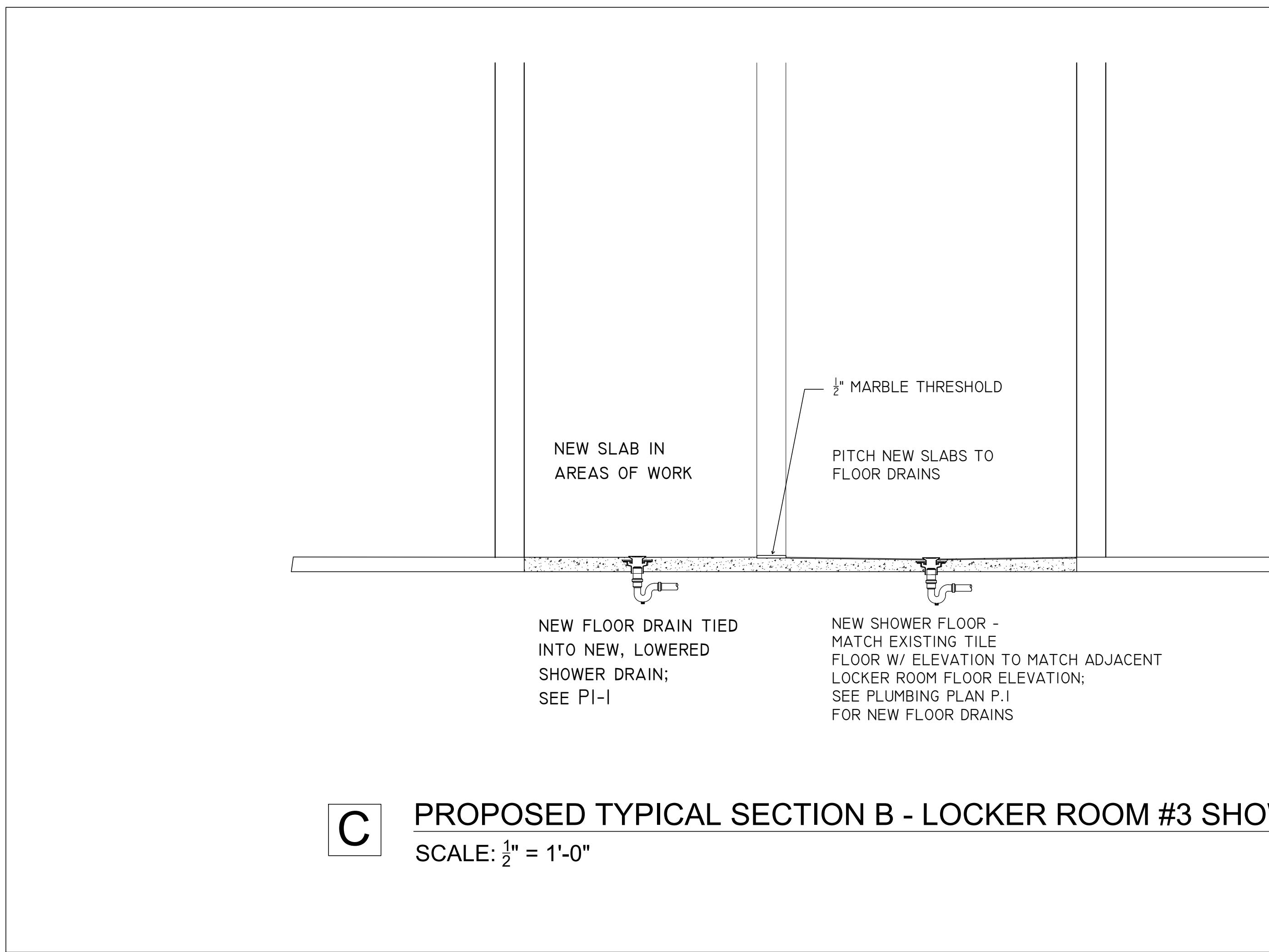
project: **Ed Burns Arena Accessibility Study**
date: 6/24/19
scale: AS NOTED
drawing title: ENLARGED PLAN
dwg no: A1 2
drawn: JPL date: 6/24/19
checked: JPL date: 6/24/19
RECEIVED ARCHITECTURE No. 6033 MELROSE MASSACHUSETTS



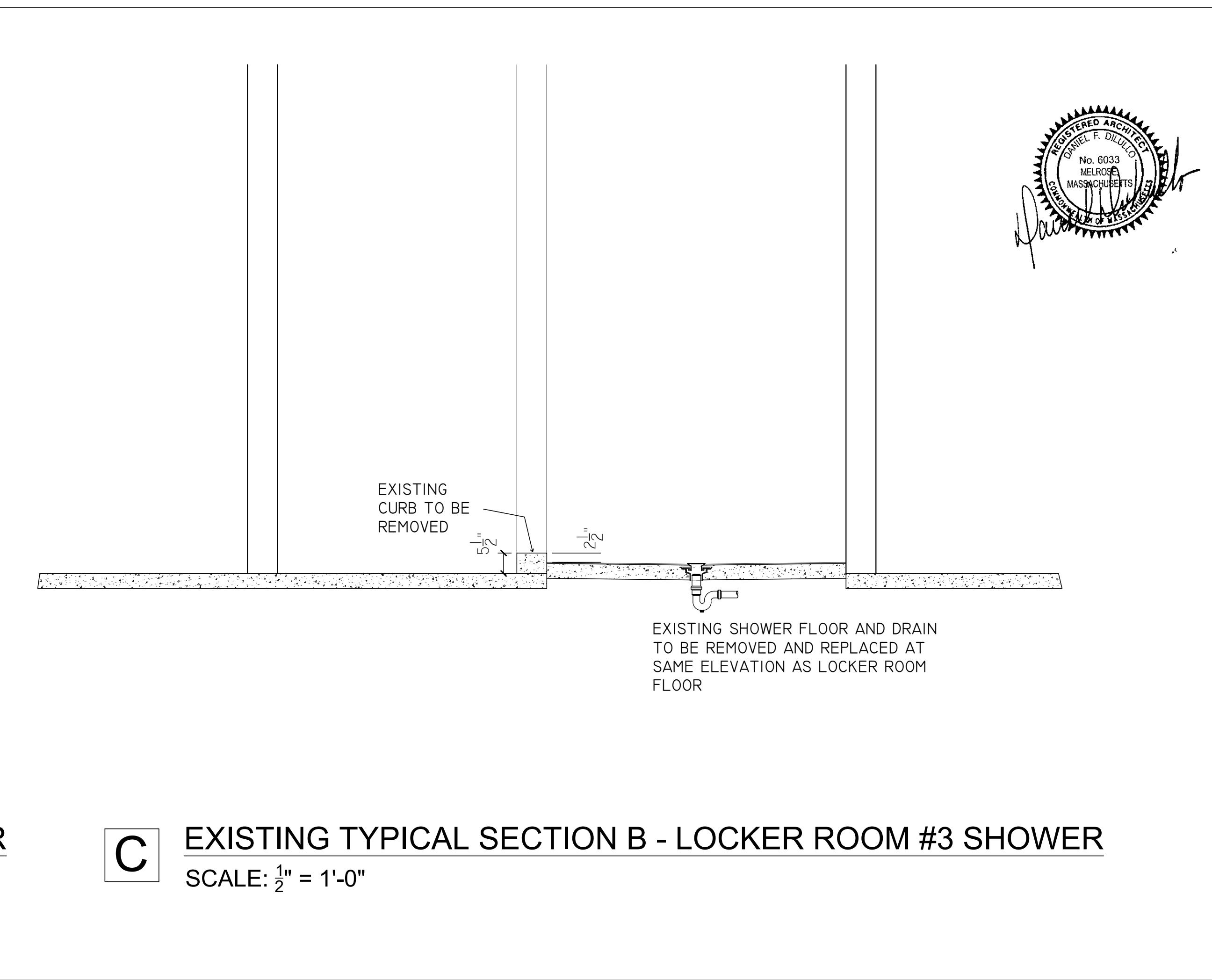
C ENLARGED PLAN - LOCKER ROOM #2 SHOWER
SCALE: $\frac{1}{2}$ " = 1'-0"



C ENLARGED PLAN - LOCKER ROOM #3 SHOWER
SCALE: $\frac{1}{2}$ " = 1'-0"



C PROPOSED TYPICAL SECTION B - LOCKER ROOM #3 SHOWER
SCALE: $\frac{1}{2}$ " = 1'-0"



C EXISTING TYPICAL SECTION B - LOCKER ROOM #3 SHOWER
SCALE: $\frac{1}{2}$ " = 1'-0"

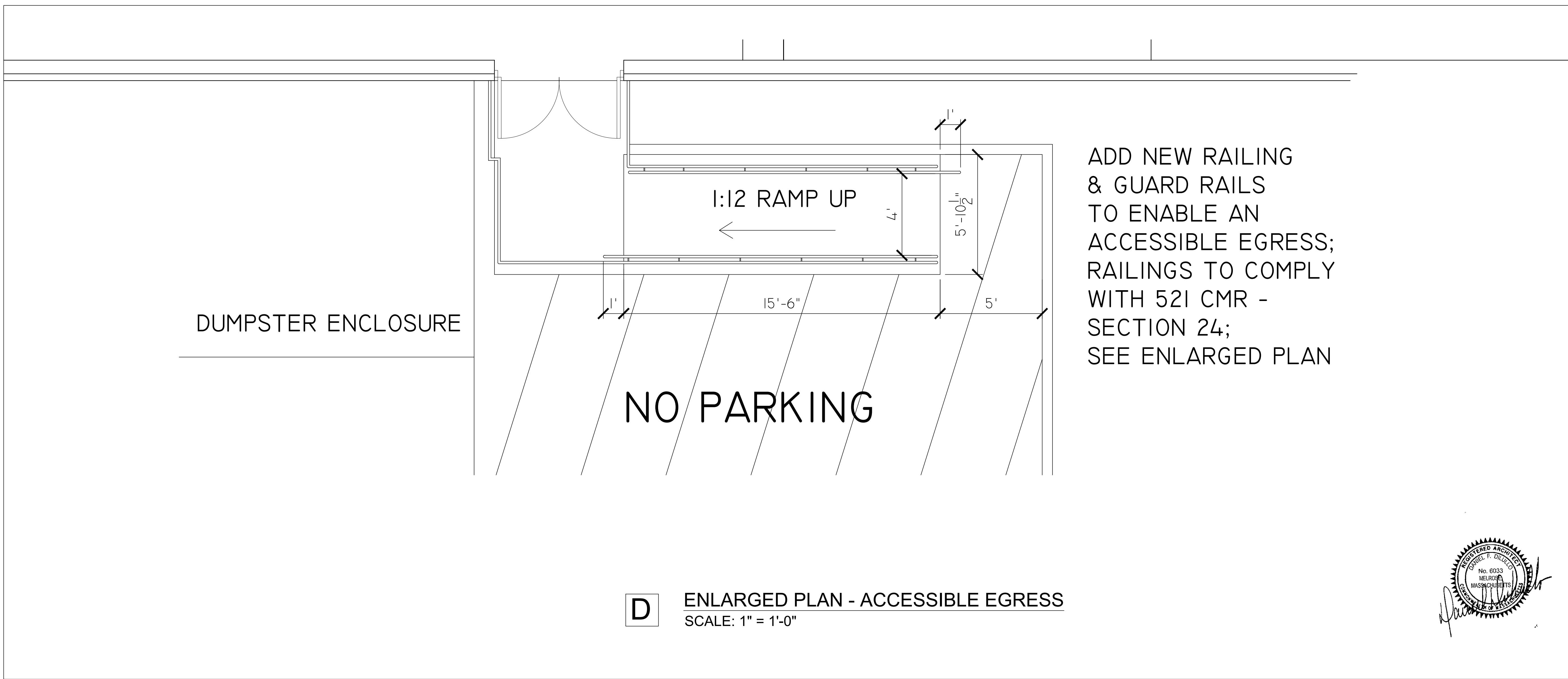
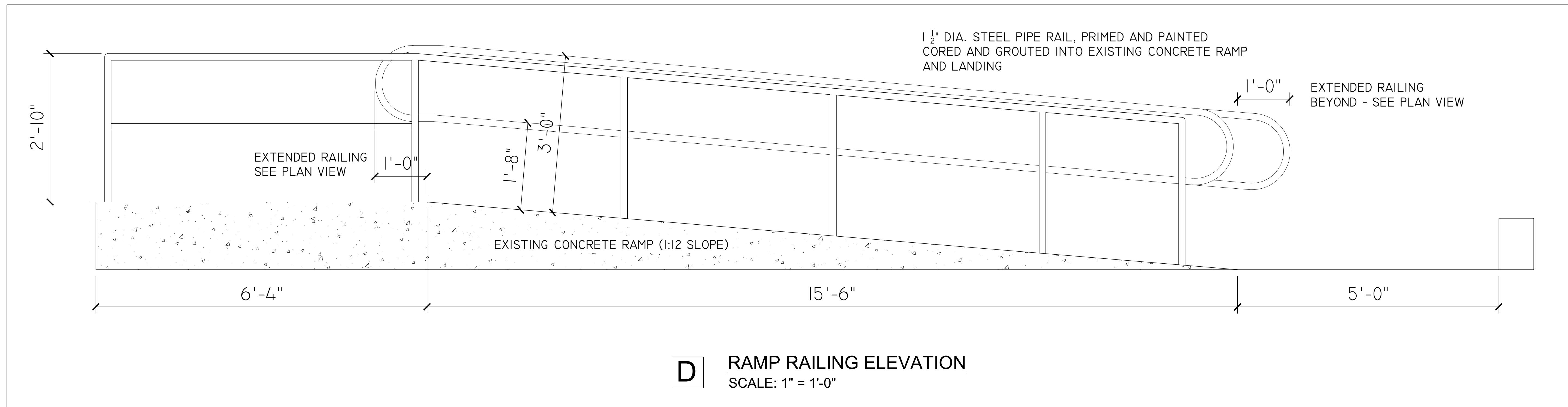
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Accessibility Study
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Arlington Massachusetts

drawing title:
ENLARGED PLAN
drawn: JPL scale: AS NOTED date: 6/24/19

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A1 C3



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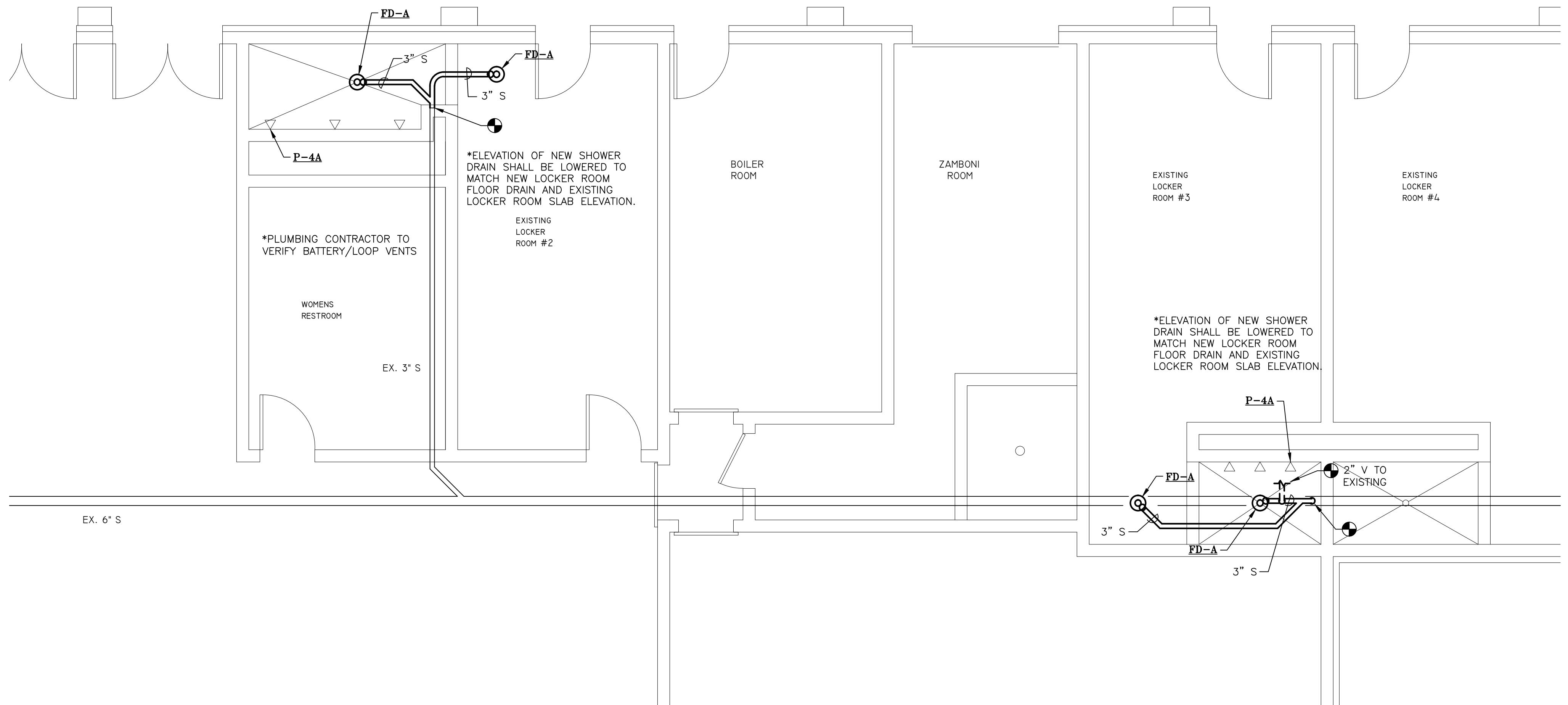
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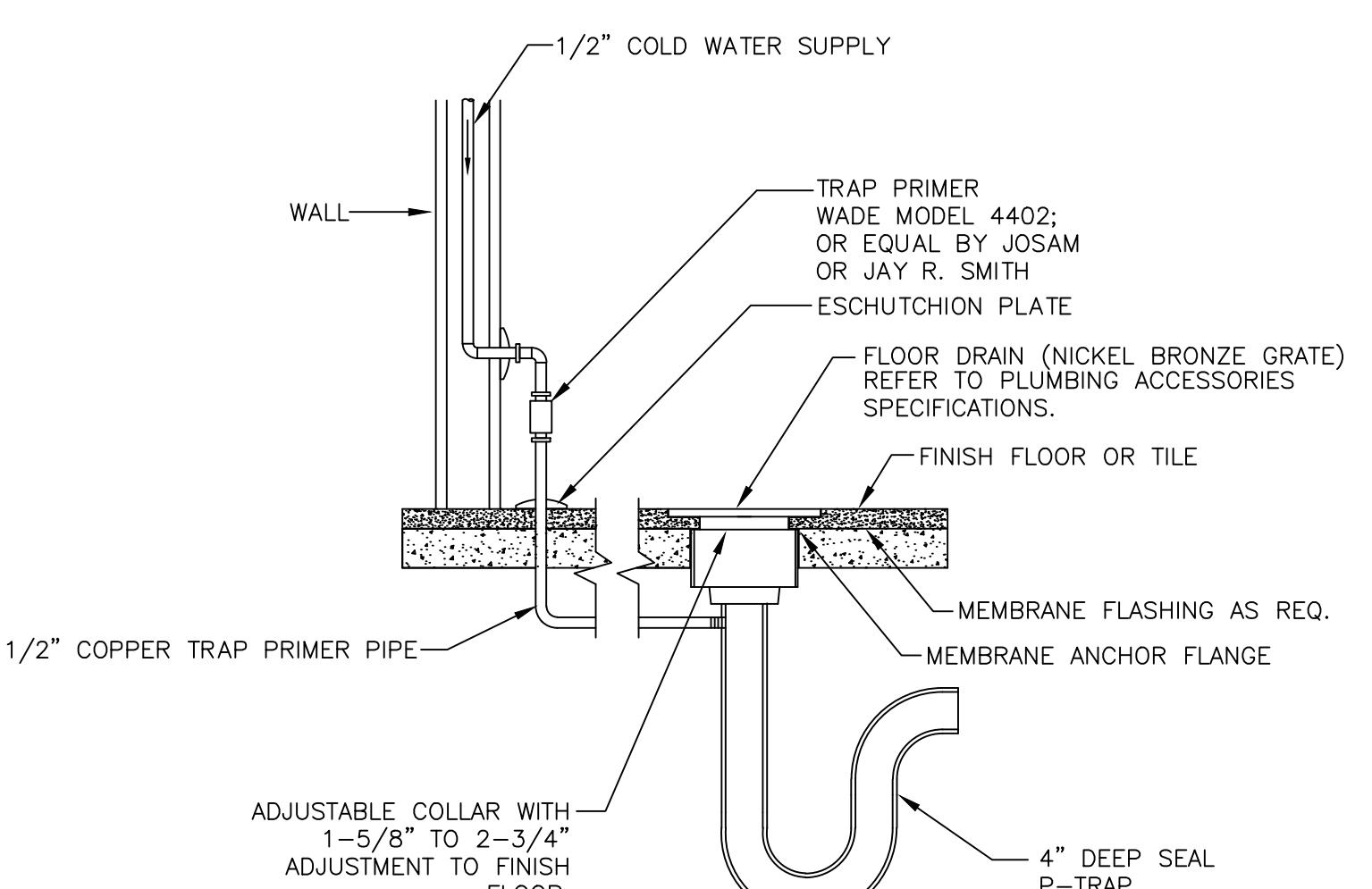
Page 1

Ergonomics in Design

WG no:



- ALL PLUMBING WORK SHALL CONFORM TO THE MASSACHUSETTS STATE PLUMBING CODE.
- ALL PIPING SHOWN IS DIAGRAMMATIC, EXACT LOCATION TO BE DETERMINED IN THE FIELD.
- ALL SANITARY & VENT PIPING 3" AND SMALLER SHALL PITCH 1/4" PER FOOT, UNLESS OTHERWISE SPECIFIED. ALL SANITARY AND VENT PIPING 4" AND LARGER SHALL PITCH 1/8" PER FOOT, UNLESS OTHERWISE SPECIFIED.
- THE PLUMBING SUBCONTRACTOR, BEFORE SUBMITTING HIS PRICE OR BEGINNING WORK, SHALL THOROUGHLY EXAMINE THE SITE AND CONTRACT DOCUMENTS, NO CLAIM FOR EXTRA COMPENSATION WILL BE ALLOWED IF DIFFICULTIES WHICH AN EXAMINATION OF SITE CONDITIONS AND/OR THE CONTRACT DOCUMENTS PRIOR TO EXECUTING CONTRACT WOULD HAVE REVEALED.
- THE PLUMBING CONTRACTOR SHALL MAINTAIN AT THE JOB AT ALL TIMES, A COMPLETE AND SEPARATE SET OF BLACK LINE PRINT OF THE PLUMBING DRAWINGS WHICH HE SHALL MARK CLEARLY, NEATLY, AND ACCURATELY THE PROGRESS OF HIS WORK. MYLAR REPRODUCIBLE "AS BUILTS" SHALL BE FURNISHED TO THE OWNER WHEN THE JOB IS COMPLETED AND BEFORE FINAL PAYMENT. MARKUPS SHALL BE TRANSFERRED TO A COMPUTERIZED AUTOCAD FILE BY HIS DRAFT PERSON.
- ANY AND ALL PERMITS REQUIRED FOR INSTALLATION OF ANY MATERIAL SHALL BE AS PART OF THE SPECIFICATION, INCLUDING ALL FEE'S OR EXPENSES INCURRED.
- ALL EQUIPMENT NECESSARY TO DO ALL TESTING AS REQUIRED BY THE SPECIFICATIONS AND/OR STATE CODE SHALL BE FURNISHED BY THIS PLUMBING CONTRACTOR.
- UPON COMPLETION OF ALL WORK, FURNISH IN DUPLICATE, CERTIFICATIONS OF INSPECTIONS FROM THE MANUFACTURERS STATING THAT AUTHORIZED FACTORY ENGINEERS HAVE INSPECTED AND TESTED THE OPERATION OF THEIR RESPECTIVE EQUIPMENT AND FOUND SAME TO BE IN SATISFACTORY OPERATING CONDITION.
- ALL EQUIPMENT AND PIPING SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE THE OWNER ACCEPTS THE BUILDING, IF THERE WERE ANY FAILURES DURING THE TIME FRAME WORK WAS PERFORMED, THEY SHALL BE REPAIRED AND/OR REPLACED AT NO CHARGE TO THE OWNER, OR ENGINEER.
- ALL VALVES AND CLEANOUTS SHALL BE PROVIDED WITH ACCESSIBLE WALL ACCESS PANELS IF REQUIRED.
- ALL HOT AND COLD WATER PIPING SHALL BE TYPE "L" COPPER TUBING WITH CAST BRASS FITTINGS.
- SOIL, WASTE, VENT AND DRAIN PIPING UNDER FLOOR SLAB (BURIED) SHALL BE SERVICE WEIGHT CAST IRON SOIL PIPE AND FITTINGS WITH RESILIENT GASKETS AND SHALL BE IN ACCORDANCE WITH CAST IRON SOIL PIPE INSTITUTE (CISPI).
- SOIL, WASTE, VENT AND DRAIN PIPING ABOVE FLOOR SLAB SHALL BE HUB-LESS CAST IRON PIPE AND FITTING WITH STAINLESS STEEL FITTING CLAMPS AND SHALL BE IN ACCORDANCE WITH CAST IRON SOIL PIPE INSTITUTE (CISPI).
- INSULATE ALL HOT AND COLD WATER PIPING WITH OWENS-CORNING OR APPROVED EQUAL 1" FIBER-GLASS SECTIONAL PIPE COVERING. FITTINGS TO BE INSULATED WITH "ZESTON" PRE-MOLDED FIBER-GLASS FITTING INSULATION.



FLOOR DRAIN W/ TRAP PRIMER DETAIL
NOT TO SCALE

TAG	Fixture Type	Connections - Inches				Make and Model No.
		San	Vent	Hot	Cold	
P-4A	SHOWER	3	2	1/2	1/2	EQUAL TO SYMONS "ORIGIN" # T36-1.5 ADA HAND SHOWER SYSTEM OR EQUIVALENTS BY AMERICAN STANDARD OR KOHLER. SHALL BE COMPLETE WITH IN-LINE VACUUM BREAKER, 60" FLEXIBLE METAL HOSE, MOUNTING BRACKET AND CONNECT TRAP WITH FEMALE ADAPTER, NO DESANOS ALLOWED. SHOWER GRAB BAR & SEAT PACKAGE BY OTHER.
FD-A	FLOOR DRAIN	3	2			EQUAL TO J.R. SMITH # 2005-A FLOOR DRAIN W/ NICKEL BRONZE ROUND TOP AND TRAP PRIMER.

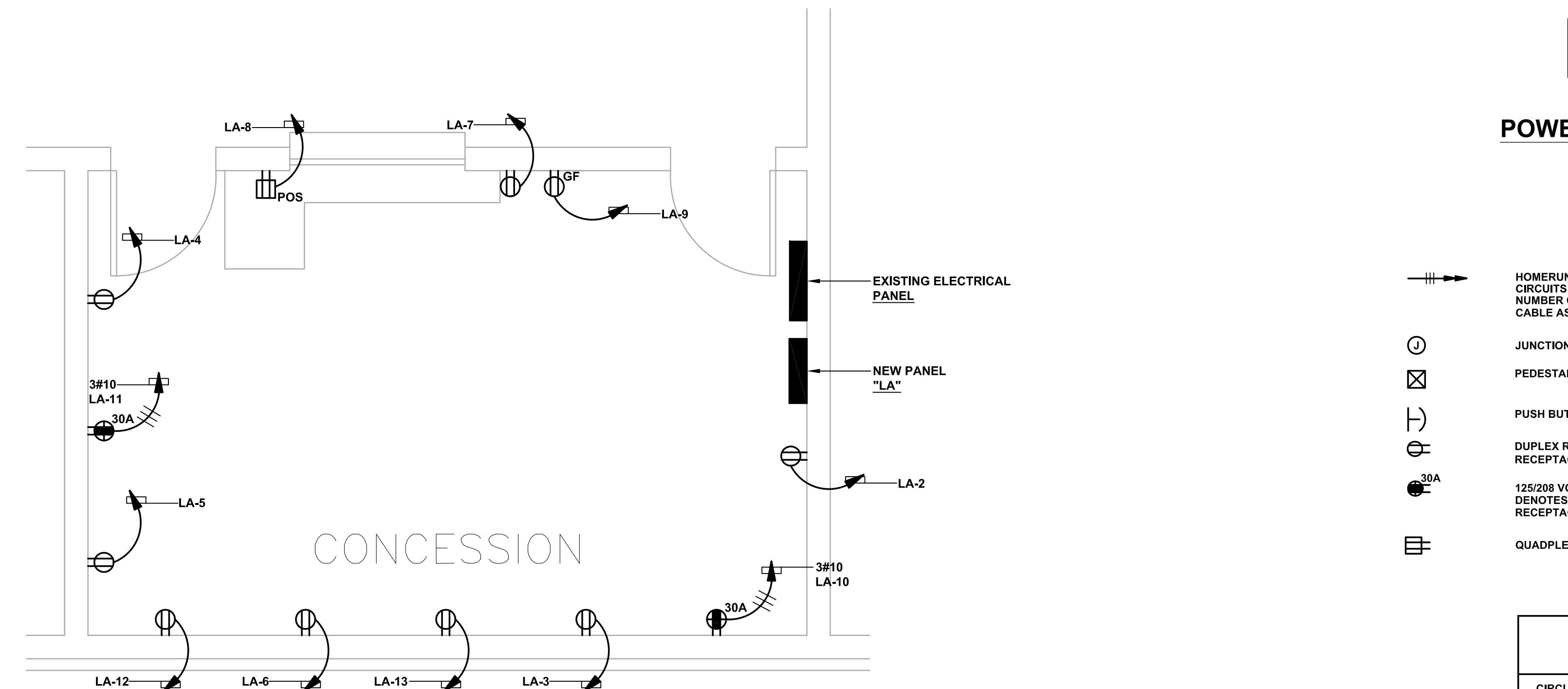
LEGEND				
V	VENT BELOW GROUND	TYP.	TYPICAL	
S	SANITARY WASTE BELOW GROUND	FD-A	FLOOR DRAIN	
P-1	PLUMBING FIXTURE	EX.	EXISTING	
DN	DOWN			



PLUMBING LOCKER
ROOMS #1 AND #2
PART PLAN
drawing title: PLUMBING LOCKER
ROOMS #1 AND #2
PART PLAN
drawn: ST scale: 1/4" = 1'-0" date: 5/02/19

P1 1

dwg no:



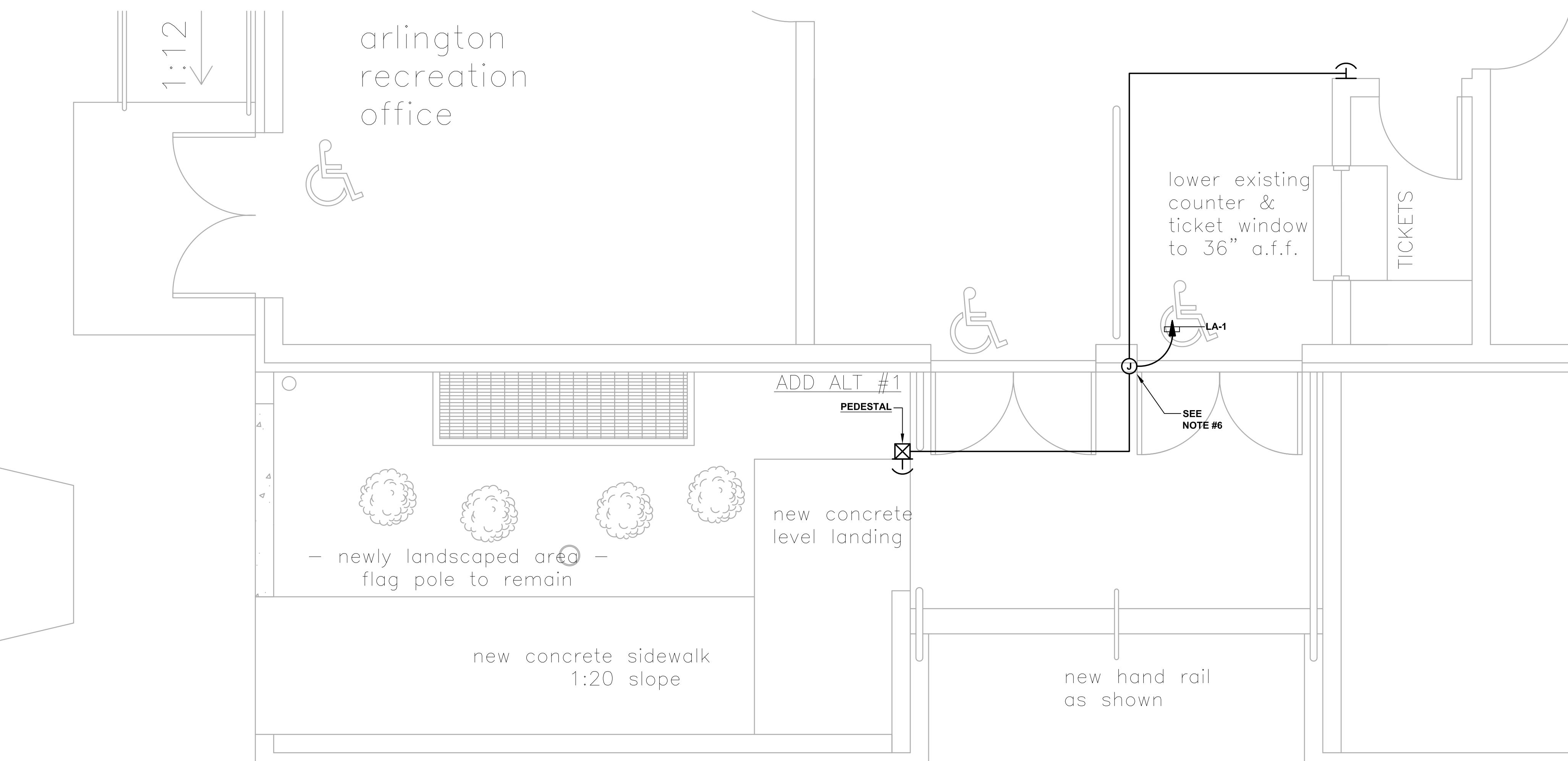
LEGEND

- HOMERUN, ARROWS DENOTES THE NUMBER OF CONDUCTORS IN RACEWAY OR CABLE ASSEMBLY.
- JUNCTION BOX.
- PEDESTAL.
- PUSH BUTTON.
- DUPLEX RECEPTACLE (125 VOLT-103W RECEPTACLE, MOUNTED 18" A.F.F.)
- 125/208 VOLT - 10 RECEPTACLE NUMERAL DENOTES THE AMPERE RATING OF THE RECEPTACLE.
- QUADPLEX RECEPTACLE.

NOTES:

- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A NEW 125 AMPERE, 3 POLE CIRCUIT BREAKER IN EXISTING PANEL "MDPA" FOR NEW PANEL "CES".
- NEW FEEDER F-1 SHALL BE #4/1, #6(G), 1-1/2" CONDUIT.
- THE ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING FEEDER SERVING THE EXISTING CONCESSION AREA.
- THE ELECTRICAL CONTRACTOR SHALL TAP THE EXISTING PANEL "MDPA" WITH A 125 AMPERE-3 POLE CIRCUIT BREAKER FOR NEW PANEL "LA" FEEDER.
- THE ELECTRICAL CONTRACTOR SHALL MODIFY THE EXISTING RECEPTACLES ON EXISTING PANEL TO PREVENT OVERLOAD CONDITION ON EXISTING RECEPTACLES IN CONCESSION ROOM.
- AUTOMATIC DOOR CONTROL ELECTRICAL WORK SHALL BE PERFORMED UNDER ALTERNATE #1.
- THE FINAL LOCATION OF ELECTRICAL OUTLETS IN THE CONCESSION ROOM SHALL BE DETERMINED BY THE ARCHITECT, ELECTRICAL CONTRACTOR AND OWNER IN THE FIELD.
- THE ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING RECEPTACLES IN CONCESSION ROOM AND ASSOCIATED BRANCH CIRCUIT WIRING AND INSTALL NEW RECEPTACLES IN CONCESSION ROOM AS INDICATED ON THE PLANS.

PANEL SCHEDULE			
CIRCUIT NUMBER	BREAKERS		EQUIPMENT SERVED
	AMPS	POLES	AIC
PANEL "LA" 120/208V, 30A, 225 AMPERE MAIN LUGS, SURFACE MOUNTED.			
1	20	1	10,000 DOOR CONTROLS
2-9	20	1	10,000 RECEPTACLES
10-13	30	2	10,000 RECEPTACLES
14-22	20	1	10,000 SPARES



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